

With a suitable aliquot determine riboflavin by the method prescribed in section 43.041(a) by the "Fluorometric Method—Official Final Action," AOAC, 13th Ed. (1980), beginning with the third sentence of the second paragraph, "Adjust, with vigorous agitation * * *." Determine niacin in a 200-milliliter aliquot of the filtrate by the "Colorimetric Method—Official Final Action," in section 43.045, AOAC, 13th Ed. (1980), beginning with the sixth sentence of the first paragraph, "Adjust to pH 4.5 with * * *." Evaporate to dryness a 100-milliliter aliquot of the nonfiltered material withdrawn while agitating, and determine iron using the method "Iron—Official Final Action," in sections 14.011, 14.012, and 14.013, AOAC, 13th Ed. (1980), and, if required, determine calcium as directed in section 14.014 under the heading "Calcium—Official Final Action," AOAC, 13th Ed. (1980).

(f) When the optional ingredient specified in paragraph (a)(4) of this section is added, the statement "Butylated hydroxytoluene added as a preservative" shall be placed on the label prominently and with such conspicuousness (as compared with other words, statements, designs, or devices in the label) as to render it likely to be read and understood by the ordinary individual under customary conditions of purchase.

(g) *Label declaration.* Each of the ingredients used in the food shall be declared on the label as required by the applicable sections of parts 101 and 130 of this chapter.

NOTE: The Order of the Commissioner of Food and Drugs appearing at 23 FR 1170, Feb. 25, 1958, amending paragraphs (a)(1) and (c) provides in part as follows: The regulations in § 137.350 (formerly § 15.525) are stayed insofar as they require each pound of the food to contain not less than 1.2 milligrams and not more than 2.4 milligrams of riboflavin. This stay shall continue until final action is taken disposing of the objections, after public hearing thereon.

[42 FR 14402, Mar. 15, 1977, as amended at 47 FR 11828, Mar. 19, 1982; 49 FR 10098, Mar. 19, 1984; 54 FR 24894, June 12, 1989; 58 FR 2878, Jan. 6, 1993; 61 FR 8796, Mar 5, 1996]

PART 139—MACARONI AND NOODLE PRODUCTS

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AUTHORITY: 21 U.S.C. 321, 341, 343, 348, 371, 379e.

SOURCE: 42 FR 14409, Mar. 15, 1977, unless otherwise noted.

Subpart A [Reserved]

Subpart B—Requirements for Specific Standardized Macaroni and Noodle Products

§ 139.110 Macaroni products.

(a) Macaroni products are the class of food each of which is prepared by drying formed units of dough made from semolina, durum flour, farina, flour, or any combination of two or more of these, with water and with or without one or more of the optional ingredients specified in paragraphs (a) (1) to (6), inclusive, of this section.

(1) Egg white, frozen egg white, dried egg white, or any two or all of these, in such quantity that the solids thereof are not less than 0.5 percent and not more than 2.0 percent of the weight of the finished food.

(2) Disodium phosphate, in a quantity not less than 0.5 percent and not more than 1.0 percent of the weight of the finished food.

(3) Onions, celery, garlic, bay leaf, or any two or more of these, in a quantity which seasons the food.

(4) Salt, in a quantity which seasons the food.

(5) Gum gluten, in such quantity that the protein content of the finished food is not more than 13 percent by weight. The finished macaroni product contains not less than 87 percent of total solids as determined by the method prescribed in "Official Methods of Analysis of the Association of Official Analytical Chemists," 13th Ed. (1980), in section 14.133, under the heading "Vacuum Oven Method—Official Final Action," which is incorporated by reference. Copies may be obtained from the Association of Official Analytical Chemists International, 481 North Frederick Ave., suite 500, Gaithersburg, MD 20877-2504, or may be examined at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC.

(6) Concentrated glyceryl monostearate (containing not less than 90 percent monoester), in a quantity not exceeding 2 percent by weight of the finished food.

(b) Macaroni is the macaroni product the units of which are tube-shaped and more than 0.11 inch but not more than 0.27 inch in diameter.

(c) Spaghetti is the macaroni product the units of which are tube-shaped or cord-shaped (not tubular) and more than 0.06 inch but not more than 0.11 inch in diameter.

(d) Vermicelli is the macaroni product the units of which are cord-shaped (not tubular) and not more than 0.06 inch in diameter.

(e) The name of each food for which a definition and standard of identity is prescribed by this section is "Macaroni product"; or alternatively, the name is "Macaroni", "Spaghetti", or "Vermicelli", as the case may be, when the units of the food are of the shapes and sizes specified in paragraph (b), (c), or (d), respectively, of this section.

(f)(1) When disodium phosphate is used the label shall bear the statement "Disodium phosphate added for quick cooking".

(2) When any ingredient specified in paragraph (a)(3) of this section is used the label shall bear the statement

"Seasoned with _____", the blank being filled in with the common name of the ingredient; or in the case of bay leaves the statement "Spiced", "Spice added", or "Spiced with bay leaves".

(3) When the ingredient specified in paragraph (a)(6) of this section is used, the label shall bear the statement "Glyceryl monostearate added" or the statement "With added glyceryl monostearate".

(4) Wherever the name of the food appears on the label so conspicuously as to be easily seen under customary conditions of purchase, the words and statements prescribed in this section, showing the optional ingredients used, shall immediately and conspicuously precede or follow, or in part precede and in part follow, such name, without intervening written, printed, or graphic matter.

(g) Label declaration. Each of the ingredients used in the food shall be declared on the label as required by the applicable sections of parts 101 and 130 of this chapter.

[42 FR 14409, Mar. 15, 1977, as amended at 47 FR 11828, Mar. 19, 1982; 49 FR 10099, Mar. 19, 1984; 54 FR 24894, June 12, 1989; 58 FR 2878, Jan. 6, 1993; 63 FR 14035, Mar. 24, 1998]

§ 139.115 Enriched macaroni products.

(a) Description. Enriched macaroni products are the class of food each of which conforms to the definition and standard of identity and is subject to the requirements for label statement of ingredients, prescribed for macaroni products by § 139.110(a), (f), and (g), except that:

(1) Each such food contains in each pound not less than 4.0 milligrams (mg) and not more than 5.0 mg of thiamin, not less than 1.7 mg and not more than 2.2 mg of riboflavin, not less than 27 mg and not more than 34 mg of niacin or niacinamide, not less than 0.9 mg and not more than 1.2 mg of folic acid, and not less than 13 mg and not more than 16.5 mg of iron (Fe);

(2) Each such food may also contain as an optional ingredient added vitamin D in such quantity that each pound of the finished food contains not less than 250 U.S.P. units and not more than 1000 U.S.P. units of vitamin D.